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NEWS	3	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	4	OCT 28	KOREAPAT now available on STN
NEWS	5	NOV 30	PHAR reloaded with additional data
NEWS	6	DEC 01	LISA now available on STN
NEWS	7	DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8	DEC 15	MEDLINE update schedule for December 2004
NEWS	9	DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10	DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11	DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16	JAN 03	No connect-hour charges in EPFULL during January and February 2005
NEWS	17	JAN 26	CA/CAPLUS - Expanded patent coverage to include the Russian Agency for Patents and Trademarks (ROSPATENT)
NEWS EXPRESS			JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 15:49:06 ON 31 JAN 2005

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

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SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 15:49:31 ON 31 JAN 2005

75 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0\* with SET DETAIL OFF.

=> "alice Y. Ting"

29 FILES SEARCHED...

65 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE "ALICE Y. TING"

=> FIL MEDLINE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.95	3.16

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 15:52:14 ON 31 JAN 2005

FILE 'CAPLUS' ENTERED AT 15:52:14 ON 31 JAN 2005

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=> FIL 1MOBILITY

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.83	3.99

FULL ESTIMATED COST

FILE '1MOBILITY' ENTERED AT 15:52:59 ON 31 JAN 2005

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FILE COVERS 1906 TO 6 Jan 2005 (20050106/ED)

1MOBILITY and 2MOBILITY, which together comprise the Global Mobility Database, can be accessed and searched together through the file cluster MOBILITY. Type FILE MOBILITY to enter this cluster.

=> FIL BIOSIS

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.43	4.42

FULL ESTIMATED COST

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CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 26 January 2005 (20050126/ED)

FILE RELOADED: 19 October 2003.

=> file biosis medline caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.85	5.27

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=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.68	6.95

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RECORDS LAST ADDED: 26 January 2005 (20050126/ED)

FILE RELOADED: 19 October 2003.

=> E TING ALICE Y/AU 25

E1	5	TING ALBERT C/AU
E2	8	TING ALBERT C W/AU
E3	11 -->	TING ALICE Y/AU
E4	1	TING ALICE YEN PING/AU
E5	1	TING ALISON Y/AU
E6	1	TING ALLAN/AU
E7	1	TING AN Y/AU
E8	1	TING AN YIE/AU
E9	4	TING ANDREW/AU
E10	1	TING ANGELA H/AU
E11	2	TING ANNIE K L/AU
E12	1	TING ANTHONY/AU
E13	14	TING ANTHONY E/AU
E14	1	TING ANTHONY EUGENE/AU
E15	1	TING ARTHUR J/AU

E16	9	TING B/AU
E17	2	TING B T/AU
E18	38	TING B T G/AU
E19	55	TING BEALL H P/AU
E20	12	TING BEALL H PING/AU
E21	2	TING BEALL HIE PING/AU
E22	1	TING BEALL P/AU
E23	1	TING BERRETH S A/AU
E24	2	TING BERRETH SHEREE/AU
E25	3	TING BERRETH SHEREE A/AU

=> S (E3)

L2 11 ("TING ALICE Y"/AU)

=> d ti 1-11

L2	ANSWER 1 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Genetically encoded fluorescent reporters of histone methylation in living cells.			
L2	ANSWER 2 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	In vitro evolution of biotin transferase mutants for site-specific labeling of recombinant proteins in living cells.			
L2	ANSWER 3 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Creating new fluorescent probes for cell biology.			
L2	ANSWER 4 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Decoding NF-kappaB signaling.			
L2	ANSWER 5 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Phage-display evolution of tyrosine kinases with altered nucleotide specificity.			
L2	ANSWER 6 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Genetically encoded fluorescent reporters of protein tyrosine kinase activities in living cells.			
L2	ANSWER 7 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Probing ion permeation and gating in a K+ channel with backbone mutations in the selectivity filter.			
L2	ANSWER 8 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Gating of a K+ channel by a dynamic selectivity filter.			
L2	ANSWER 9 OF 11	BIOSIS	COPYRIGHT (c) 2005 The Thomson Corporation.	on
TI	STN			
TI	Probing ion permeation in the K+ channel selectivity filter with backbone mutations.			
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STN

TI Single-molecule fluorescence spectroscopy of enzyme conformational dynamics and cleavage mechanism.

L2 ANSWER 11 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

TI Molecular cloning of Schizosaccharomyces pombe cDNA encoding lanosterol synthase and investigation of conserved tryptophan residues.

=> d ab bib 6, 3, 2, 1

L2 ANSWER 6 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AB The complexity and specificity of many forms of signal transduction are widely believed to require spatial compartmentation of protein kinase and phosphatase activities, yet existing methods for measuring kinase activities in cells lack generality or spatial or temporal resolution. We present three genetically encoded fluorescent reporters for the tyrosine kinases Src, Abl, and epidermal growth factor (EGF) receptor. The reporters consist of fusions of cyan fluorescent protein (CFP), a phosphotyrosine binding domain, a consensus substrate for the relevant kinase, and yellow fluorescent protein (YFP). Stimulation of kinase activities in living cells with addition of growth factors causes 20-35% changes in the ratios of yellow to cyan emissions because of phosphorylation-induced changes in fluorescence resonance energy transfer (FRET). Platelet-derived growth factor (PDGF) stimulated Abl activity most strongly in actin-rich membrane ruffles, supporting the importance of this tyrosine kinase in the regulation of cell morphology. These results establish a general strategy for nondestructively imaging dynamic protein tyrosine kinase activities with high spatial and temporal resolution in single living cells.

AN 2002:99786 BIOSIS

DN PREV200200099786

TI Genetically encoded fluorescent reporters of protein tyrosine kinase activities in living cells.

AU **Ting, Alice Y.**; Kain, Kristin H.; Klemke, Richard L.; Tsien, Roger Y. [Reprint author]

CS Department of Pharmacology, Howard Hughes Medical Institute, University of California at San Diego, 9500 Gilman Drive, 310 CMM-W 0647, La Jolla, CA, 92093-0647, USA  
rtsien@ucsd.edu

SO Proceedings of the National Academy of Sciences of the United States of America, (December 18, 2001) Vol. 98, No. 26, pp. 15003-15008. print. CODEN: PNASA6. ISSN: 0027-8424.

DT Article

LA English

OS Genbank-AF440201; Genbank-AF440202; Genbank-AF440203

ED Entered STN: 24 Jan 2002

Last Updated on STN: 21 Mar 2002

L2 ANSWER 3 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2003:92262 BIOSIS

DN PREV200300092262

TI Creating new fluorescent probes for cell biology.

AU Zhang, Jin; Campbell, Robert E.; **Ting, Alice Y.**; Tsien, Roger Y. [Reprint Author]

CS Department of Pharmacology, Massachusetts Institute of Technology, 77,

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Massachusetts Avenue, 18-496, Cambridge, MA, 02139, USA  
rtsien@ucsd.edu

SO Nature Reviews Molecular Cell Biology, (December 2002) Vol. 3, No. 12, pp.  
906-918. print.  
ISSN: 1471-0072 (ISSN print).

DT Article  
General Review; (Literature Review)

LA English

ED Entered STN: 12 Feb 2003  
Last Updated on STN: 12 Feb 2003

L2 ANSWER 2 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN

AN 2003:448089 BIOSIS

DN PREV200300448089

TI In vitro evolution of biotin transferase mutants for site-specific  
labeling of recombinant proteins in living cells.

AU Quinones, Elsa V. Arocho [Reprint Author]; Ting, Alice Y.  
[Reprint Author]

CS Massachusetts Institute of Technology, 77 Mass. Ave., Cambridge, MA,  
02139, USA

SO Biophysical Journal, (February 2003) Vol. 84, No. 2 Part 2, pp. 176a.  
print.  
Meeting Info.: 47th Annual Meeting of the Biophysical Society. San  
Antonio, TX, USA. March 01-05, 2003. Biophysical Society.  
ISSN: 0006-3495 (ISSN print).

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 1 Oct 2003  
Last Updated on STN: 1 Oct 2003

L2 ANSWER 1 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN

AN 2004:351131 BIOSIS

DN PREV200400351583

TI Genetically encoded fluorescent reporters of histone methylation in living  
cells.

AU Lin, Chi-Wang; Jao, Cindy Y.; Ting, Alice Y. [Reprint Author]

CS Dept Chem, MIT, 77 Massachusetts Ave, Cambridge, MA, 02139, USA  
ating@mit.edu

SO Journal of the American Chemical Society, (May 19 2004) Vol. 126, No. 19,  
pp. 5982-5983. print.  
ISSN: 0002-7863 (ISSN print).

DT Article

LA English

OS DDBJ-AY422822; EMBL-AY422822; GenBank-AY422822; DDBJ-AY422823;  
EMBL-AY422823; GenBank-AY422823

ED Entered STN: 26 Aug 2004  
Last Updated on STN: 26 Aug 2004

=> FIL STNGUIDE

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FULL ESTIMATED COST

11.45

18.40

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